



Alternative Fuels in State Vehicles

Energy Center fact sheet

7/2006

What are AFVs?

Alternative fuel vehicles (AFVs) are those vehicles that can run on non-traditional fuels. Some of these alternative fuels include E-85 (85 percent ethanol), propane, biodiesel and compressed natural gas.

Why use alternative fuels?

Filling up your state vehicle's tank with alternative fuels makes sense on several levels.

- First, alternative fuels burn cleaner than traditional fuels, thus reducing air pollution and other environmental impacts.
- Alternative fuels also pave the way for greater fuel independence from foreign oil.
- Of these alternative fuels, E-85, a corn-based ethanol blend, offers additional market opportunities for Missouri farmers.
- B20, a blend of 20 percent soy-based biodiesel and 80 percent petroleum diesel, can be used in any diesel engine.

AFV requirements in Missouri law

Because alternative fuels benefit both Missouri's environment and economy, their use in state vehicles is also Missouri law.

- The Fuel Conservation for State Vehicles statute (Sections 414.400 – 414.417 RSMo) requires the purchase of alternative fuel vehicles and sets goals for the amount of alternative fuels to be used in these vehicles.
- State law requires that 50 percent of new vehicles purchased be AFVs and that 30 percent of the fuel burned in these vehicles be alternative fuels.

Am I driving an AFV?

- Alternative fuel vehicles in the state fleet should be clearly identified.
- If your agency has a checkout folder system for vehicles, the AFVs should be identified on/in the folder as well.
- Please coordinate with your agency's fleet manager to determine if you are driving an alternative fuel vehicle.



Alternative Fuels Filling Stations in Missouri

E-85

- ♦ The National Ethanol Vehicle Coalition publishes a listing of E-85 refueling locations on the Web at: <http://www.e85fuel.com>.

B20 (20 percent biodiesel)

- ♦ Jefferson City: Convenient Mart, 3714 W. Truman Blvd.
- ♦ Marshall: Thomas Oil Co., 430 N. Lincoln

Propane

- ♦ The Missouri Propane Gas Association (<http://www.mopga.com>) publishes a directory of propane refueling locations.

For More Information

For more information about alternative fuels contact:

Missouri Department of Natural Resources
Energy Center
P.O. Box 176
Jefferson City, MO 65102
1-800-361-4827 or (573) 751-3443
E-mail: energy@dnr.mo.gov
Web site: www.dnr.mo.gov/energy/index.html